

# Converting Colors

Hex(55330F)

Have a look what the booklet for  
Hex(55330F) contains.

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# Color

**Hex(55330F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55330F
RGB	85, 51, 15
RGB Percent	33%, 20%, 6%
CMY	0.6667, 0.8000, 0.9412
CMYK	0.00, 0.40, 0.82, 0.67
HSL	31°, 70%, 20%
HSV	31°, 82%, 33%
XYZ	5.0164, 4.3334, 1.0240
YIQ	57.0620, 31.8200, -3.9880

# Conversions

## Conversions Part 2

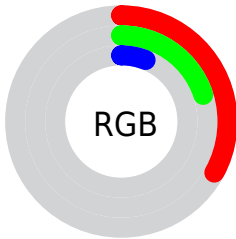
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 85, 15
Decimal	5583631
CIE <sub>Lab</sub>	24.74, 11.93, 28.03
CIE <sub>LCh</sub>	25, 30.466, 66.950
Yxy	4.3334, 0.4836, 0.4177
Android (android.graphics.Color)	4283773711 (0xFF55330F)
YUV	57.0620, -20.7366, 24.5016
Hunter-Lab	20.8169, 6.5845, 11.6554

# Details

The Hex color **55330F** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0F3155**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **8A613B**, and **240700** is the 20% darker color. If you saturate the color by 10%, you get **552F07**, and if you desaturate by 10%, it is **553718**.

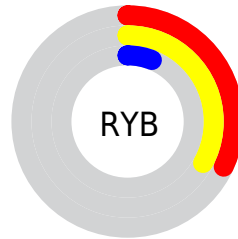
# Distribution



Red (33%)

Green (20%)

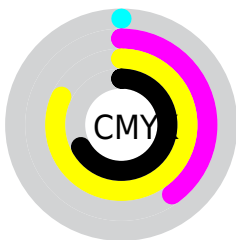
Blue (6%)



Red (32%)

Yellow (33%)

Blue (6%)

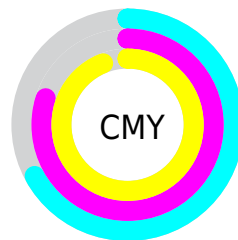


Cyan (0%)

Magenta (40%)

Yellow (82%)

Black (67%)



Cyan (67%)

Magenta (80%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55330F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 55330F by changing the saturation by 10% instead.



 55330F

 55330F


 FFFFF3

 3C1E00

 8A613B

 240700

 A67A53

 000000

 C2946C

 DEAF85

 FCCA9F

 FFE6BB

 FFFFD6

 55330F

 55330F

■ 552F07

■ 553718

■ 552C00

■ 553B20

■ 553F29

■ 554431

■ 554839

■ 554C42

■ 55504A

■ 555453

■ 55585C

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



622A20



55330F



423B08

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55330F



004640



433260

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



55330F



0F3155

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



133C68



55330F



004556

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55330F



004528



004265



5B294D

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55330F



32400E



004265



373664



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



55330F



6E6052



550F32



383027



B8B8B8



383838



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55330F



6E3901



55550F



2B2927



6B3700



EB7900



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



0F3155



01366E



0F0F55



27292B



00346B



0072EB



# Previews

## White Background



This preview shows how the Hex color 55330F looks on a white background.

## Color Contrast Check

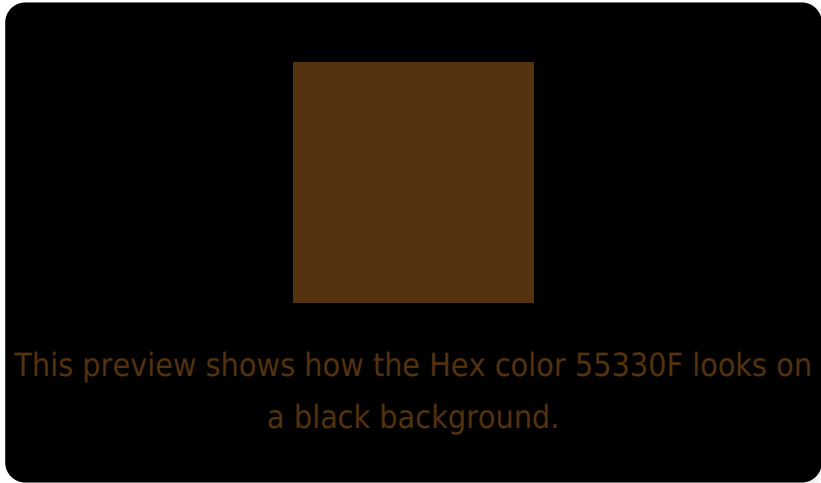
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

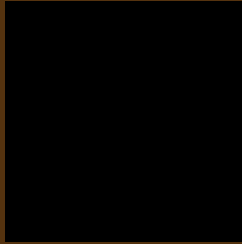
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 55330F Background



This preview shows how black text looks on a background with the Hex color 55330F.



This preview shows how white text looks on a background with the Hex color 55330F.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
55330F

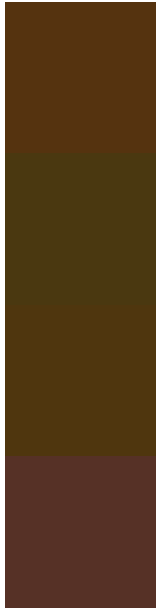
**Protanopia**  
433B11

**Deuteranopia**  
4B380D



**Tritanopia**  
573033

# Trichromacy



**Original Color**  
55330F

**Protanomaly**  
4A3810

**Deuteranomaly**  
4F360E

**Tritanomaly**  
563126

# Monochromacy



**Original Color**  
55330F

**Achromatopsia**  
393939

**Achromatomaly**  
43372A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55330F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #55330F looks like.

```
.text, #text, p{  
    color:#55330F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #55330F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55330F
}
```

## Border

The CSS property to change the border of an element to Hex 55330F is called "border". The border property can be set on classes, ids or directly on the HTML element.

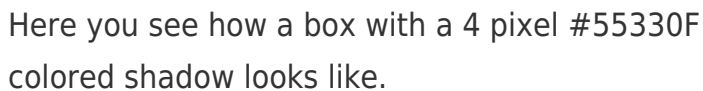
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#55330F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#55330F }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #55330F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55330F; -webkit-box-shadow:4px 4px  
4px 4px #55330F; box-shadow:4px 4px 4px  
4px #55330F }
```

# Background

The CSS property to change the background color of an element to Hex 55330F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55330F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#55330F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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